

## **DATA STORAGE DEVICE USING SDRAM**

### **ABSTRACT OF THE DISCLOSURE**

A data storage device using SDRAM as data storage unit is disclosed. The data storage device of the present invention comprises a SDRAM controller is used to control  
5 one or more than one SDRAM. According to an aspect of the present invention, a plurality of SDRAM is stacked over each other to form stacked SDRAM structure for increasing the storage capacity. The data storage device of the present invention is capable of continuously and accurately storing and retrieving data, and it is highly resistant to vibrations. Further, the data storage device of the present invention is capable  
10 of reducing the manufacturing and maintenance cost.